

For Smarter Waste Fleet Operations

Solid waste haulers are challenged daily to deliver waste and recycling collection services that are responsive, environmentally-friendly, and safe. With route and driver assignments constantly changing, customers forgetting to put out their waste or putting out too much, there are multiple opportunities to leave money on the table or expose the organization to customer complaints. Haulers are under pressure to prove that service was delivered as promised and to take action immediately when it isn't.



One platform for all that matters to your waste hauling business

With FleetLink Vision™ and FleetLink Vision+ onboard computing solutions by FleetMind, solid waste collection organizations have 360-degree visibility of their fleets and the progress of their operations in real-time. When combined with the FleetLink™ suite of applications, FleetLink Vision provides a unified platform for evidence-based tracking of all events in and around each vehicle, generating the data that solid waste haulers need for service verification, customer service, safety coaching, and accident investigation. The FleetLink suite of applications also offers interfaces to 3rd party dispatch, billing, route optimization, maintenance, and other applications.

Waste haulers benefit from:

- **Excellence in service delivery** with timely and accurate service verification
- **Increased worker productivity** of up to 30 minutes per worker per day
- **Enhanced fleet profitability** with lower maintenance costs and better revenue capture
- **Improved customer satisfaction** with timely resolution of service delivery inquiries
- **Increased fleet safety** with complete visibility into vehicle and driver behavior
- **Greener, more sustainable operations** through reduced fuel consumption

FleetLink Vision

- GPS-based Automated Vehicle Location
- FleetLink Map™ vehicle tracking with breadcrumb trails
- Digital video recording and on-demand streaming
- FleetLink Safety Dashboard for coaching and incident playback
- Telemetry data and alarms

FleetLink Vision+

- FleetLink Route System™ route management software
- FleetLink Reports™ reporting platform
- Driver navigation with real-time directions
- WasteApp™ for service verification
- Remote truck system diagnostics
- All the capabilities of FleetLink Vision



Specifications:

- On-Board Computer Platform with integrated 8-channel DVR
- Built for harsh environments with broad operating temperature range
- Ability to pair with a 10.4" touch monitor or drive an existing display and keyboard
- ECM connectivity for real-time telemetry
- Wi-Fi, Bluetooth and 4G wireless connectivity
- Multiple generic I/O ports
- Comprehensive alarm monitoring and event recording capabilities
- Ability to capture snapshots, video snippets and continuous recording from up to 8 truck-mounted cameras including analog, IP wired or wireless
- Ready for route management software and service verification
- Ready for real-time vehicle diagnostics including remote access
- Ready for chassis, body, fork or tipper scale integration
- Ready for lane departure detection warning system
- Ready for frontal collision avoidance system
- Ready for pedestrian detection system
- Central command center for automated software deployment and configuration
- Comprehensive back-end route management and dispatch platform
- Extensive operational reports, dashboards, and web-based geomatics platform
- Integration with RFID reader and lift sensors

Component	FleetLink On-Board Computer and DVR
Operating System	Windows 7 Standard Embedded
CPU	ATOM E3827 Dual Core 1.75 GHz
Memory	4 GB
Video Hardware Encoder	Stretch S7 (H.264, MJPEG, up to D1 with 30 FPS)
Internal Storage	16 GB SSD
Other Storage	256 GB Solid State Drive
WWAN	Multi-Network 4G LTE
WiFi	Yes
Bluetooth	Yes
CANBUS J1939	Dual
J1708	Yes
OBDII	Yes
GPS	Yes
DIO	4 DI 2 DO
Serial Ports	3
USB Ports	3
GB Ethernet Ports	2
VGA Output Port	Yes (up to 2560x1600 resolution)
Analog Video Inputs	8
Wake-Up	Ignition, Alarm, SMS/Call, G-Sensor
Operating Range	-30 C to + 70 C
Shock / Vibration	MIL STD 810G
Display	Remote
Display Size	10.4 in (8 in optional) single cable
Display Resolution	1024 x 768
Touch Screen	Yes
Light Sensor	Yes
Speaker	2 x 2W built-in



About FleetMind Solutions

FleetMind is a full-service provider of fleet automation and smart truck technologies that enable waste management fleets to radically transform the productivity of their personnel, the quality of the service they provide, and the safety of their operations, while driving revenue growth and operating cost reduction.

For more information, please visit www.fleetmind.com.